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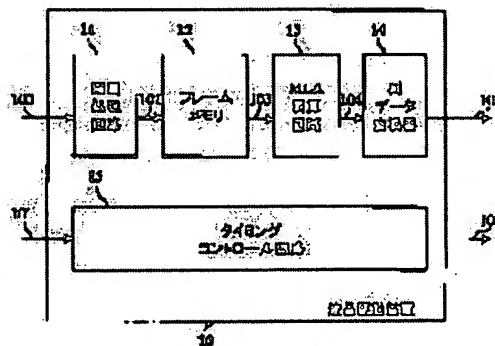
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(54) METHOD AND DEVICE FOR DRIVING LIQUID CRYSTAL DISPLAY DEVICE

(57)Abstract:

PROBLEM TO BE SOLVED: To suppress display unevenness and to obtain uniform display quality by converting a voltage pattern so that change points of the level of voltage applied to row electrodes in one selection period decrease in number, applying voltage to column electrodes and making a gradational display.

SOLUTION: An MLA arithmetic circuit 13 reads gradation data 103 out of a frame memory 12. For example, 3-bit gradation data are read out and converted into 4-bit data representing an ON display or OFF display in each of four-divided selection periods, and data of virtual rows are generated corresponding to display data of three lines which are selected at the same time so as to set two levels of the voltage applied to the column electrodes in each divided period. A column data converter 14 converts the voltage pattern signal into a voltage pattern which generates no display unevenness. Namely, the divided periods are provided in one selection period, the voltage pattern is converted so that the number of change points of the voltage level applied to the column electrodes is decreased, and the voltage is applied to the column electrodes according to the voltage pattern to make a gradational display.



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